



Metering – Panel Presentation

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Introduction

- ◆ History
- ◆ Technology Overview
- ◆ Utility Services
- ◆ Case Study
- ◆ Questions

History

- ◆ 1954 Lewis Strauss, "...electricity that could be too cheap to meter"
- ◆ Cash register for the utility
- ◆ Data collection device

Past & Present

- ◆ Past - monthly meter reads done by the consumer, recorded on paper cards and mailed to the utility
- ◆ Present – always on, wireless internet based technology using satellites to transfer unlimited amounts of real-time energy usage and power quality data

Data Usage

- ◆ Billing
- ◆ Historical trends
- ◆ Power quality
- ◆ Energy management
- ◆ Generally underutilized